

SkyDancer Trampoline



Assembly and Operating Manual



VERY IMPORTANT INFORMATION

Please read before assembling and using this product

Airmaster advises that the use of this trampoline and or any accessory product is considered a high intensity activity which could result in injury.

By purchasing this product and or using it you are agreeing to take full responsibility for your own actions and those who use it.

Please insure that the trampoline is assembled correctly, located and secured as prescribed in this manual. It is also most important that on-going maintenance is undertaken as required.

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GENERAL INSTRUCTIONS

1.1 PURPOSE

- The product is intended for home/domestic use only and is not suitable for professional uses.
- Please refer to the maximum weight as per specification sheet. Overloading the trampoline above the recommended user weight will cause damage which is not covered by the warranty

1.2 DANGER FOR CHILDREN

- Please ensure that children are supervised when using the trampoline. It is also important to make sure that all appropriate safety precautions are undertaken. Also please be aware that the packaging material is not suitable for use by children. There is a danger of suffocation.
- Trampolines over 51cm (20inches) in height are not recommended for children under 6 years of age.

1.3 ATTENTION– PRODUCT DAMAGES

- Do not alter the product. Only use original spare parts and repairs should only be carried out by appropriately qualified persons. Improper repairs can compromise the safety of your trampoline. Use this product only as described in this manual.
- Protect the product against the effects of high humidity and high temperatures.

1.4 ADVICE FOR THE ASSEMBLY

- The assembly of the product must be done carefully by at least two able-bodied adults. If in any doubt, ask a technically qualified person.
 - Before commencing assembly of the trampoline, please read thoroughly the instructions contained in this manual – it will save time and ensure that the completed trampoline complies with the design specifications.
 - Remove all packaging materials and lay out all parts on a suitable surface. This will provide a good overview of all components and simplify the assembly process.
 - Cross check the unpacked parts with the parts list to ensure that there are no missing components.
 - Beware that when using tools or doing technical work, there is always a risk of injury so please make sure that appropriate safety precautions are undertaken and assembly is undertaken in a careful and thoughtful manner. As an example do not let tools lie around the workspace that could be tripped over or stood on.
 - Dispose or place in storage packaging material in a way that cannot cause any danger. As noted above Foils and plastic bags can be dangerous for children (danger of suffocation)!
 - During the assembly process comply with all instructions in the Installation Guide making sure that no short cuts are taken. Once assembled double check that all screws, bolts, washers and nuts are correctly installed and tightened and that all joints are correctly fixed. The correct placement of washers is particularly important. Without them, nuts and bolts can easily unwind when the trampoline is in use.
 - A clearance space of at least 7.3m above the trampoline is most important. In particular careful attention must be paid to keeping the trampoline well clear of electrical and telephone cables as well as trees and other overhead obstacles.
 - Once assembled the trampoline must be checked that it is properly set up. In addition to keeping clear of overhead obstacles it must be placed on a flat and firm footing and it is preferable that the legs are anchored to the ground to prevent ground movement or lifting in windy conditions.
 - It is also essential that the area surrounding the trampoline has good impact absorbing capacities. Either recommended playground matting, grass, sand or a suitable alternative material. Under no circumstances should the trampoline be located in an area where the immediate surrounding area is an unprotected hard surface.
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- Do not attempt to set up the trampoline in rainy, windy or stormy conditions, especially during thunderstorms.
- The metal frame of the trampoline will conduct electricity. Please ensure that it does not come into contact or placed in close contact with any form of electrical circuit during construction. The same applies once it is in use.
- Make sure that the trampoline is located well clear of other objects and is kept in a safe and secure environment.
- When assembling or disassembling, please use gloves to protect your hands.

WARNING- When IN USE

1. Please ensure that the safety enclosure net zipper is 100% closed and that all three entrance hooks are connected before jumping.
2. **Users must not intentionally jump into the safety net;** it is designed to stop persons from falling from the trampoline but not for intentional rebounding. Intentional jumping into the safety net may cause the trampoline to top over, or could cause damage to the net. Abuse of the safety net is considered negligent use which is not covered by the warranty, please refer to the disclaimer.

3. SAFETY INSTRUCTIONS FOR TRAMPOLINES

- All users of the trampoline must be supervised regardless of age and experience.
- The safety instructions of the trampoline should always be adhered to.
- Somersaults must be avoided. Incorrect landings on the trampoline can lead to injuries, in particular to the back, neck or head. Injuries could include paralysis
- Only one person should use the trampoline at a time. Multiple users on the trampoline will increase the risk of collision and can also result in damage to the net and clips.
- The trampoline must be examined for damaged and general wear on a regular basis – preferably before each time it is used. In particular check for rips in the nets and broken clips which can be caused by exceeding user conditions or from normal wear and tear. Also check the nuts and bolts in the frame as these can loosen over time and tighten as necessary. Damaged or defective parts should be replaced immediately and trampoline must not be used until such repairs are completed.
- Neither cloths with hooks nor jewellery should be worn by trampoline users in order to avoid such items getting caught in the net or clips.
- As previously stated in the set up instructions the trampoline must only be set up on flat ground and stable surface. Also avoid any slippery surfaces.
- Strong wind can blow the trampoline away. If such winds are forecasted the trampoline must be moved to a protected place, or alternatively dismantled. If this is not practicable or possible fasten the trampoline securely to the ground with ropes and anchors.
- Try to avoid the moving the trampoline once assembled as it can bend when moved. Should it be necessary to shift the trampoline, please consider the following: at least four people must be evenly spaced around the frame to lift it off the ground. The trampoline must be carried horizontally. If the frame is bent during this process it must be corrected before reuse.
- If used at night ensure that the trampoline is located in a well-lit area.
- Trampoline are jumping devices, enabling the user to jump to unusual heights as well as make a wide range of body movements. Hitting the frame, cover pads or incorrect landing on the trampoline can lead to injury. Users must therefore limit their jumping movements to their physical capacity to control such movements.
- Operators and Supervisors of the trampoline must make themselves familiar with the user manual. This manual contains assembly instructions, selected precautionary measures as well as recommendations for servicing and maintenance of the trampoline.
- It is also the responsibility of the trampoline owners to ensure that all users are correctly supervised and informed and

also ensure that there is sufficient space around the trampoline for safe usage.

- Users and observers must keep clear of the trampolines moving parts when it is in use – in particular the springs.
- Do not allow anyone to be under the trampoline when it is in use. The jumping mat is flexible and the downwards force created when jumped on could cause serious injury to both the person under the mat and the person using the trampoline. In like manner do not allow any objects to be placed under the trampoline when it is in use
- Implement all safety rules and be familiar with the information in the user manual.
- The trampoline must only be used, if the jumping mat is clean and dry.
Surfaces can become slippery in wet or icy conditions. Also lips, tongues and wet skin can stick to metalwork in very cold weather. Therefore, in these conditions children must not be allowed to use the trampoline.
- Worn or damaged jumping mats should replace immediately.
- Do not allow use of the trampoline by persons under influence of alcohol or drugs.
- Ensure all users of the trampoline are competent in the fundamental jumping techniques before trying more difficult jumps. For more information refer to the section titled Fundamental Bounce Techniques.
- Climb on the trampoline. Do not jump on it directly. Do not use the trampoline as a jumping platform on to other surface as this could result in serious injury.
- For further information or exercise options refer to a trained trampoline professional or creditable publication.

4. MAINTENANCE INSTRUCTIONS

- As previously stated in the safety section it is vital that the trampoline is checked regularly, at least once a month and more often if under sustained use. Special attention should be paid to the nut, bolt and washer assemblies making sure that they are firmly tight. The net and jumping mat for any rips and chaffing, the fiberglass poles for breakages and or disconnections and the springs for breakages. All faulty components must be replaced before the trampoline is fit for use again. Also any sharp edges (e.g. bolt ends) should be filed down if found to be protruding.
- SkyDancer Trampoline frames are manufactured from zinc-coated galvanized tubing. If surface rust appears it should be removed with either a wire brush or coarse sandpaper, and the area treated with a cold galvanizing paint. These paints are available from most hardware or DIY stores.

5. WARRRANTY DETAILS

- **Frame warranty** does not cover weather damage, external damage, damage due to over loading, and all other mentions of non-warranty cover. Small surface rust no larger than 2cm are not covered.
 - **Jumping Mat warranty** does not cover the metal D shackles or any wear and tear. Small holes with no larger than 2cm in the Jump Mat are not covered.
 - **Spring Cover warranty** does not cover any faults caused by lack of maintenance, weather damage, UV damage, misuse, incorrect assembly or normal wear and tear.
 - **Safety Enclosure warranty** does not cover any faults caused by lack of maintenance, weather damage, UV damage, misuse, incorrect assembly or normal wear and tear.
 - All accessories and bonus items are not covered by warranty. E.g. ladders, anchor kits, rain covers
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TRAMPOLINE ASSEMBLY

Refer to PARTS LIST for identification of parts.

WARNING: Two adults in good physical condition are required for the following assembly .For your safety, you should wear proper shoes and clothing. Failure to follow these instructions and warnings may result in injury.

NOTE: Picture may vary slightly with different trampoline models



1. Lay out all the trampoline parts in groups, as shown above.
2. Attach the leg extensions to a leg base and secure together with the screws. Repeat for all leg supports.



3. Simply connect the two Top Rails together. Screws in the top rails to the T section.
Notes: make sure all of the holes need to be aligned. That will make assembling easy.
4. Attach the all leg supports assembled in. This will be a two-person job, and the second person should hold the opposite side, while you bring both ends of the circle together.



5. Lay out the JUMPING MAT on the ground inside the completed frame. Once done attach a spring to any D-Ring located on the JUMPING MAT. You will notice that the SPRING has a different length hook at each end. It is most important that shorter hook is attached to the JUMPING MAT D-Ring. Also make sure that the D-Ring is neatly positioned with its long edge located inside the D-Ring fabric sleeve as shown.



6. Repeat process for the remaining springs. Use the spring tool, as shown above.

Warning: During spring assembly, please be careful where you place your hands other parts of your body as connector points.



7. Next connect MAT to the FRAME at the quartersections (the points half way between the opposite ends). Again make sure that you match each D-RING with each slot between each SPRING that has been fitted.



8. Attach the remaining springs until all springs are attached onto the frame.



9. Put the spring cover safety pads on the outer edge so the springs are covered.



10. The all the cover pad's strings onto the spring.



11. Testing the Trampoline before jumping it on.

SAFETY ENCLOSURE ASSEMBLY



1. Connect the upper and lower netting poles.



2. Put the Pole sleeve onto the netting poles



3. Above is the status after finishing sliding cuffs



4. Put the plastic part on all poles.



5. Tighten the connection screws between upper poles and lower poles



6. Make sure all screws are tightened nicely to ensure the safety.



7. Repeat the former step, and you will have the all poles attached as photo above.



8. Now start the fiber glass rod and netting enclosure part. Assemble the two FIBREGLASS RODS using the galvanized connectors as shown above. In the process be careful not to over stretch the elastic cord linking the rods resulting in a breakage.



9. Leave the last one to insert the part which is used for the basketball hoop
10. Connecting the two parts of rods and make them a complete circle.



11. Put the safety enclosure net onto the upper poles and fasten the net on plastic parts.
12. After putting the whole net onto the upper holes we finish installing safety net.



13. Slide the D ring attached the JUMPING MAT through the slit located in the seam of the safety net.

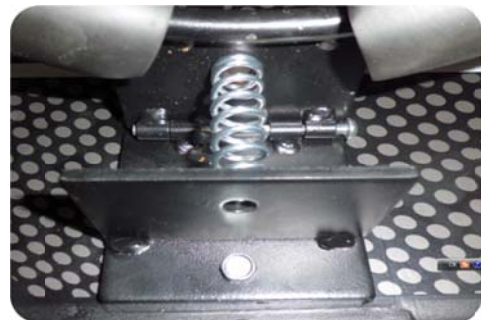
BASKETBALL HOOP SET ASSEMBLY



1. Place the corresponding bolts (the M812mm x 2) on the back plate, tightening the bolts and washer to firm the support pole.



2. Place the hoop holder (metal plate) and screw the bolts M630mm x 3, with nuts M6 x 3, into corresponding holes on the front plate



3. Attach the basketball hoop onto the hoop holder, Screw the bolt M575mm x 1 in, with nut M5 x 1.
4. Place one of the springs in the middle of the plates as photo above.



5. Screw the bolt M8100mm into the metal plate.



6. Put the other spring onto the bolt M8, and screw the nut M8 in.



7. You nearly finish...



8. Place the netting and Velcro it onto the hoop. Finished!

SkyDancer Trampoline Parts List



16



17



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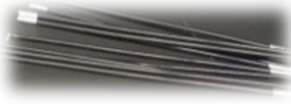


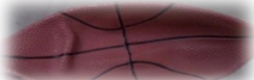
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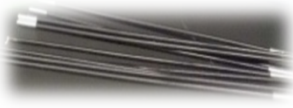
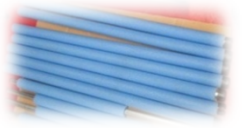
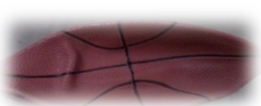
Box #1

No.	Parts name	Parts Code and size for 8ft	Qty	Parts Code and size for 10ft	Qty	Parts Code and size for 12ft	Qty	Parts Code and size for 14ft	Qty	Picture
1	Top Rail	P-OTP03A1-08-TR	6	P-OTP03A1-10-TR	8	P-OTP03A1-12-TR	8	P-OTP03A1-14-TR	8	
		Φ38*1.5 1307mm		Φ38*1.5 1232mm		Φ42*1.5 1470mm		Φ42*1.5 1710mm		
2	Spring	P-OTP03A1-08-SP	48	P-OTP03A1-10-SP	64	P-OTP03A1-12-SP	72	P-OTP03A1-14-SP	88	
		141mm		141mm		177mm		177mm		
3	Jump mat	P-OTP03A1-08-JM	1	P-OTP03A1-10-JM	1	P-OTP03A1-12-JM	1	P-OTP03A1-14-JM	1	
		D2100mm		D2800mm		D3300mm		D3940mm		
4	Leg extension	P-OTP03A1-08-LE	6	P-OTP03A1-10-LE	8	P-OTP03A1-12-LE	8	P-OTP03A1-14-LE	8	
		Φ38*1.2 442mm		Φ38*1.2 442mm		Φ38*1.5 570mm		Φ38*1.5 570mm		
5	Leg base U shape	P-OTP03A1-08-LB	3	P-OTP03A1-10-LB	4					
		Φ38*1.2 1657mm		Φ38*1.2 1608mm						
6	Pole sleeve Large	P-OTP03A1-08-PS-LG	1	P-OTP03A1-10-PS-LG	1					
		1730mm		1730mm						
7	Basketball pole	P-OTP03A1-08-BP	2	P-OTP03A1-10-BP	2					
		Φ38*1.5 1020mm		Φ38*1.5 1020mm						
8	Safety net	P-OTP03A1-08-SN	1	P-OTP03A1-10-SN	1					
9	Basketball hoop bracket	P-OTP03A1-BH	1	P-OTP03A1-BH	1					
		Φ38*1.5 505mm		Φ38*1.5 505mm						
10	Fiberglass rod	P-OTP03A1-08-FR	2	P-OTP03A1-10-FR	2					
		Φ9 (5 joints)		Φ9 (6 joints)						
11	Upper pole	P-OTP03A1-08-UP	5	P-OTP03A1-10-UP	7					
		Φ25*1.2 1090mm		Φ25*1.2 1090mm						
12	Lower pole	P-OTP03A1-08-LP	5	P-OTP03A1-10-LP	7					
		Φ25*1.2 1090mm		Φ25*1.2 1090mm						

13	Pole sleeve Small	P-OTP03A1-08-PS-SM	5	P-OTP03A1-10-PS-SM	7					
		1730mm		1730mm						
14	Safety mat	P-OTP03A1-08-SM	1	P-OTP03A1-10-SM	1					
		D2440mm		D3050mm						
15	Ladder	P-OTP03A1-08-LD	1	P-OTP03A1-10-LD	1					
		2217mm		2217mm						
16	Basketball package	P-OTP03A1-BP	1	P-OTP03A1-BP	1					
		760*530*70 mm		760*530*70 mm						
17	Spring loading tool	P-OTP03A1-TL	1	P-OTP03A1-TL	1	P-OTP03A1-TL	1	P-OTP03A1-TL	1	
18	Basketball	P-OTP03A1-BP-BL	1	P-OTP03A1-BP-BL	1					
19	Assembly tool bag	P-OTP03A1-08-TB	1	P-OTP03A1-10-TB	1					
		210*100mm		210*100mm						
20	Pump	P-OTP03A1-BP-PM	1	P-OTP03A1-BP-PM	1					

Box #2

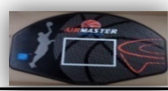
No.	Parts name	Parts Code and size for 8ft	Qty	Parts Code and size for 10ft	Qty	Parts Code and size for 12ft	Qty	Parts Code and size for 14ft	Qty	Picture
5	Leg base U shape					P-OTP03A1-12-LB	4	P-OTP03A1-14-LB	4	
						Φ38*1.5 1840mm		Φ38*1.5 2074mm		
6	Pole sleeve Large					P-OTP03A1-12-PS-LG	1	P-OTP03A1-14-PS-LG	1	
						1880mm		1880mm		
7	Basketball pole					P-OTP03A1-12-BP	2	P-OTP03A1-14-BP	2	
						Φ38*1.5 1159mm		Φ38*1.5 1159mm		
8	Safety net					P-OTP03A1-12-SN	1	P-OTP03A1-14-SN	1	

9	Basketball hoop bracket				P-OTP03A1-BH	1	P-OTP03A1-BH	1	
					Φ38*1.5 505mm		Φ38*1.5 505mm		
10	Fiberglass rod				P-OTP03A1-12-FR	2	P-OTP03A1-14-FR	2	
					Φ9 (8 joints)		Φ9 (9 joints)		
11	Upper pole				P-OTP03A1-12-UP	7	P-OTP03A1-14-UP	7	
					Φ25*1.2 1229mm		Φ25*1.2 1229mm		
12	Lower pole				P-OTP03A1-12-LP	7	P-OTP03A1-14-LP	7	
					Φ25*1.2 1229mm		Φ25*1.2 1229mm		
13	Pole sleeve Small				P-OTP03A1-12-PS-SM	7	P-OTP03A1-14-PS-SM	7	
					1880mm		1880mm		
14	Safety mat				P-OTP03A1-12-SM	1	P-OTP03A1-13-SM	1	
					D3660mm		D4270mm		
15	Ladder				P-OTP03A1-12-LD	1	P-OTP03A1-14-LD	1	
					2437mm		2437mm		
16	Basketball package				P-OTP03A1-BP	1	P-OTP03A1-BP	1	
					760*530*70 mm		760*530*70 mm		
18	Basketball				P-OTP03A1-BP-BL	1	P-OTP03A1-BP-BL	1	
19	Assembly tool bag				P-OTP03A1-12-TB	1	P-OTP03A1-14-TB	1	
					210*100mm		210*100mm		
20	Pump				P-OTP03A1-BP-PM	1	P-OTP03A1-BP-PM	1	

Assembly tool bag

Parts name	Parts Code and size for 8ft	Qty	Parts Code and size for 10ft	Qty	Parts Code and size for 12ft	Qty	Parts Code and size for 14ft	Qty	Picture
Screw M6*35	P-OTP03A1-SW-M6-35	5	P-OTP03A1-SW-M6-35	7	P-OTP03A1-SW-M6-35	7	P-OTP03A1-SW-M6-35	7	
Screw M6*75	P-OTP03A1-SW-M6-75	10	P-OTP03A1-SW-M6-75	14	P-OTP03A1-SW-M6-75	14	P-OTP03A1-SW-M6-75	14	
Screw M6*88	P-OTP03A1-SW-M6-88	2	P-OTP03A1-SW-M6-88	2	P-OTP03A1-SW-M6-88	2	P-OTP03A1-SW-M6-88	2	
Nuts	P-OTP03A1-NT	18	P-OTP03A1-NT	23	P-OTP03A1-NT	23	P-OTP03A1-NT	23	
Spanner	P-OTP03A1-SR	1	P-OTP03A1-SR	1	P-OTP03A1-SR	1	P-OTP03A1-SR	1	
Screwdriver	P-OTP03A1-SD	1	P-OTP03A1-SD	1	P-OTP03A1-SD	1	P-OTP03A1-SD	1	
Spacer	P-OTP03A1-SC	12	P-OTP03A1-SC	16	P-OTP03A1-SC	16	P-OTP03A1-SC	16	
M6 plastic caps	P-OTP03A1-PC-M6	13	P-OTP03A1-PC-M6	16	P-OTP03A1-PC-M6	16	P-OTP03A1-PC-M6	16	

Basketball Package

Parts name	Parts Code	Qty	picture	Parts name	Parts Code	Qty	picture
Basketball board	P-OTP03A1-BP-BB	1		Net bag	P-OTP03A1-BP-NB	1	
Hoop	P-OTP03A1-BP-HP	1		Metal plate	P-OTP03A1-BP-MP	1	
Basketball hardware bag	P-OTP03A1-BP-HB	1					

basketball hardware bag

Parts name	Parts Code	Qty	picture	Parts name	Parts Code	Qty	picture
Screw M8*100	P-OTP03A1-BP-SW-M8-1H	1		Nuts M8	P-OTP03A1-BP-NT-M8	1	
Screw M8*12	P-OTP03A1-BP-SW-M8-12	2		Nuts M6	P-OTP03A1-BP-NT-M6	3	
Screw M6*30	P-OTP03A1-BP-SW-M6-30	3		Nuts M5	P-OTP03A1-BP-NT-M5	1	
Screw M5*75	P-OTP03A1-BP-SW-M5-75	1		Washer M8	P-OTP03A1-BP-WS-M8	3	
Springs L	P-OTP03A1-BP-SP-LO	1		Washer M6	P-OTP03A1-BP-WS-M6	6	
Springs S	P-OTP03A1-BP-SP-SH	1					



YOU ARE NOW FINISHED
ENJOY

